

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:	10/083,720
Source:	OIPE
Date Processed by STIC:	3/27/02

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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Revised 01/29/2002



OIPE

Torres Somply Medea

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,720

DATE: 03/27/2002 TIME: 14:15:08

Input Set : A:\DX0644KBK 28FEB2002.ST25.txt
Output Set: N:\CRF3\03272002\J083720.raw

4 5 6 8 10 C> 12 C> 12 12 13 15 17 19 20 21 22 24 25 26	120> 1 <120> 1 <130> E	Ficker Flecker Chapper FILE I CURREN CURREN FRIOR PRIOR IUMBER SOFTWA SEQ II LENGTH FRAND FEATUR IMME/R	nsche enste e, An OF I REFER NT AN NT FI APPI FILI R OF ARE: O NO: UNA ISM: RE: (EY:	er, lein, ndrea linven RENCH PPLICATION ING I SEQ Pate: 1076 Homo CDS (36)	Helmine Bernari NTION CATION DATE ID Nentine Description of San	nhare N: MA X064 ON NI TE: : NUMI : 199 NOS: : n ve:	d AMMA: 4KBK UMBE: 2002: BER: 99-0: 21 rsion	LIAN R: U: -02-: 09/: 7-29	CYT(S/10, 28 363,	/083	ELAT	ED RI	EAGE	NTS	
	<400> S ctgtgag				ga gt	ggg	gtgaa	a ggo	1	atg d Met 1		Asn I			53
35 t	ttg agg Leu Arg								ctg	tct	_	att	gcc	_	101
39 d	cac aag His Lys		tct					agt				gga			149
	tcc caa Ser Gln 40														197
	acg att Thr Tle														245
	tee tie Ser Phe			Glu		Val					Leu			Cys	444

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60 61	Lys	Lys	Ile 105	Arg	Phe	Val	Glu	Asp 110	Phe	His	Ser	Leu	Arg 115	Gln	Lys	Leu	
	agc	cac		att	taa	tat	act		tica	act	aσa	gag		aaa	t.dd	at.t.	437
												Glu					
65	001	120	-1-			-1-	125					130		4			
	acc		a t.a	aaa	aga	ata	ttt	tat	agg	att	qqa	aac	aaa	qqa	atc	tac	485
												Asn					
	135	5		-1-		140		_	,		145		-	_		150	
		acc	atc	agt	gaa	cta	gat	att	ctt	ctt	tcc	tgg	att	aaa	aaa	tta	533
												Trp					
73	-				155		•			160		-		-	165		
75	ttq	qaa	agc	agt	cag	taaa	ccaa	ag c	caaq	rtaca	it to	gattt	taca	gtt	atti	ttga	588
76	Leu	Ğlu	ser	ser	Ğĺń			-	_					-		_	
77				170													
79	aata	caat	aa q	aact	gcta	g aa	atat	gttt	ata	acag	rtct	attt	cttt	ta a	aaaa	cttttt	648
			-		-	-		-		-						aaatta	708
83	acgt	tttg	ga t	ataa	gttg	t ca	ctaa	tttg	cac	attt	tct	gtgt	tttc	aa a	taat	tgtttc	768
																tatgta	
87	acct	.gaat	ta a	ctcg	tgta	a ta	tttg	tgtg	r tgg	agtg	gga	tgtg	gggg	gt g	gagg	ggggaa	888
89	tgac	agat	tt c	tgga	atgc	a at	gtaa	tgtt	act	gaga	ctt	aaat	agat	gt t	atgi	tatatg	948
91	attg	tctg	tt t	aagt	gttt	g aa	aatt	gtta	att	atgo	cca	gtgt	gaac	tt a	agtad	cttaac	1008
93	acat	tttg	at t	ttaa	ttaa	a ta	aatt	gggt	ttc	cttc	etca	aaaa	aaaa	aa a	aaaa	aaaaa	1068
95	aaaa	aaaa															1076
98	<210	> SE	Q II	NO:	2												
99	<211	> LE	NGTE	: 17	1												
100	<21	2> T	YPE:	PRT													
101	<21	3> 0	RGAN	IISM:	Hom	o sa	pien	S									
				INCE:													
105	Met	Leu	Val	Asn	Phe	Ile	Leu	Arg	Сув	Gly	z Lei	ı Leu	Leu	Va]	LTh	r Leu	
106					5					10					15		
109	Ser	Leu	Ala	Ile	Ala	Lys	His	Lys		Ser	Sei	: Phe	Thr		s Se	r Cys	
110				20					25					30			
	-	Pro	_	Gly	Thr	Leu	Ser		Ala	Val	Asp) Ala		Туз	: Ile	e Lys	
114			35					40					45			_	
			Trp	Leu	Lys	Ala		Ile	Pro	Glu	ı Asp		Ile	Lys	s Ası	n Ile	
118		50					55					60					
		Leu	. Leu	Lys	Lys	-	Thr	Lys	Lys	GI.		e Met	Lys	Ası	т Суя	s Gln	
	65		_ 1	_ •	_	70		_,	_,		75	_		- 1	- 1	80	
$\frac{125}{126}$		GIn	. Glu	GIn	Leu 85	Leu	Ser	Phe	Ph∈	Met 90	GIU	ı Asp	val	Phe	e Gly 95	y Gln	
		C1 n	Τ Δ.	(1 _n	-	Ctro	T 17.0	T 17.0	т1-		r Dha	. Val	<u> </u>	Δer		э ніс	
130		GIII	reu	100	GIY	Cys	ьуѕ	гуу	105		PILE	: val	GIU	110		e His	
		Leu	Ara		Lys	Leu	Ser	His			e Sei	Cys	Ala			r Ala	
134			115		4 -			120	_			1	125				
		Glu			Ser	Ile	Thr			Lys	arç	, Ile	Phe	Туз	Arg	g Ile	

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Input Set : A:\DX0644KBK 28FEB2002.ST25.txt
Output Set: N:\CRF3\03272002\J083720.raw

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151	. <212> TYPE: PRT															
152	<213> ORGANISM: Equine Herpes Virus															
		0> SI			_		•									
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157	1		,		5			•	•	10					15	
		Ala	Asp	Asn	Lvs	Tvr	Asp	Ser	Glu	Ser	Glv	Asp	Asp	Cvs	Pro	Thr
161	1		1	20	. 4 -	.1			25		1	•		30		
	Leu	Pro	Thr	Ser	Leu	Pro	His	Met	Leu	His	Glu	Leu	Arq	Ala	Ala	Phe
165			35					40					45			
	Ser	Ara		Lvs	Thr	Phe	Phe	Gln	Met	Lvs	Asp	Gln	Leu	Asp	Asn	Met
169		50		-1-			55					60				
	Leu		Asp	Glv	Ser	Leu		Glu	Asp	Phe	Lvs	Glv	Tvr	Leu	Glv	Cvs
173		Lou			201	70			TIOF		75	U = 1	-1-		U L 1	80
	-	Ala	Leu	Ser	Glu		Tle	Gln	Phe	Tvr		Glu	Glu	Val	Met.	
177	01				85					90					95	
	Gln	Ala	Glu	Asn	-	Ser	Thr	Asp	Gln		Lvs	Asp	Lvs	Va l		Ser
181	· · · ·			100					105		-1-		-1-	110		
	Leu	Glv	Glu		Leu	Lvs	Thr	Leu	Arg	Va l	Ara	Leu	Ara		Cvs	His
185		0-1	115	212		-10		120	9		5		125	5	-1-	
	Ara	Phe		Pro	Cvs	Glu	Asn		Ser	Lvs	Ala	Val		Gln	Val	Lvs
189	5	130			- 1 -		135	1 -				140				
192	Ser	Ala	Phe	Ser	Lys	Leu	Gln	Glu	Lys	Gly	Val	Tyr	Lys	Ala	Met	Ser
	145				•	150			-	-	155	•	•			160
196	Glu	Phe	Asp	Ile	Phe	Ile	Asn	Tyr	Ile	Glu	Ala	Tyr	Met	Thr	Thr	Lys
197					165			-		170		-			175	-
200	Met	Lvs	Asn													
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		l> LE														
		2> T														
					Epst	cein	Barı	c Vii	rus							
	<pre><213> ORGANISM: Epstein Barr Virus </pre> <pre><400> SEQUENCE: 4</pre>															
			~			Val	Val	Thr	Leu	Gln	Cvs	Leu	Val	Leu	Leu	Tvr
212	1))	5					10					15	- 4 -
		Ala	Pro	Glu	Ĉvs	Glv	Glv	Thr	Asp	Gln	Cvs	Asp	Asn	Phe	Pro	Gln
216				20	010	1	1		25		-1-	F		30		
	Met	Leu	Ara		Leu	Ara	Asp	Ala	Phe	Ser	Ara	Va]	Lvs		Phe	Phe
220			35	F		3	F	40			9		45			
	Gln	Thr		Asp	Glu	Val	Asp		Leu	Leu	Leu	Lvs		Ser	Leu	Leu
224		50	-1 J				55					60				
	Glu		Phe	Lvs	Glv	Tvr		Glv	Cys	Gln	Ala		Ser	Glu	Met	Ile
228				-15	1	70		1	-15		75					80
						-					-					

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Input Set : A:\DX0644KBK 28FEB2002.ST25.txt
Output Set: N:\CRF3\03272002\J083720.raw

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240
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243 Ser Lys Ala Val Glu Gln Ile Lys Asn Ala Phe Asn Lys Leu Gln Glu
                           135
244 130
                                              140
247 Lys Gly Ile Tyr Lys Ala Met Ser Glu Phe Asp Ile Phe Ile Asn Tyr
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251 Ile Glu Ala Tyr Met Thr Ile Lys Ala Arg
252
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257 <212> TYPE: PRT
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260 <400> SEQUENCE: 5
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270 Phe Pro Val Gly Gln Ser His Met Leu Leu Glu Leu Arg Thr Ala Phe
                               40
274 Ser Gln Val Lys Thr Phe Phe Gln Thr Lys Asp Gln Leu Asp Asn Ile
275 50
                           55
278 Leu Leu Thr Asp Ser Leu Met Gln Asp Phe Lys Gly Tyr Leu Gly Cys
                       70
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282 Gln Ala Leu Ser Glu Met Ile Gln Phe Tyr Leu Val Glu Val Met Pro
                   85
                                       90
286 Gln Ala Glu Lys His Gly Pro Glu Ile Lys Glu His Leu Asn Ser Leu
287
               100
                                   105
290 Gly Glu Lys Leu Lys Thr Leu Arg Met Arg Leu Arg Arg Cys His Arg
           115
                               120
294 Phe Leu Pro Cys Glu Asn Lys Ser Lys Ala Val Glu Gln Val Lys Ser
                           135
                                               140
298 Asp Phe Asn Lys Leu Gln Asp Gln Gly Val Tyr Lys Ala Met Asn Glu
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                                          155
302 Phe Asp Ile Phe Ile Asn Cys Ile Glu Ala Tyr Met Met Ile Lys Met
303
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                                      170
306 Lys Ser
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311 <211> LENGTH: 178
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313 <213> ORGANISM: Homo sapiens
315 <400> SEQUENCE: 6
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318 1
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                                       10
321 Arg Ala Ser Pro Gly Gln Gly Thr Gln Ser Glu Asn Ser Cys Thr His
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RAW SEQUENCE LISTING

DATE: 03/27/2002 PATENT APPLICATION: US/10/083,720 TIME: 14:15:08

Input Set : A:\DX0644KBK 28FEB2002.ST25.txt Output Set: N:\CRF3\03272002\J083720.raw

334 65 70 75 80	
337 Gln Ala Leu Ser Glu Met Ile Gln Phe Tyr Leu Glu Glu Val Met Pro	
338 85 90 95	
341 Gln Ala Glu Asn Gln Asp Pro Asp Ile Lys Ala His Val Asn Ser Leu	
342 100 105 110	
345 Gly Glu Asn Leu Lys Thr Leu Arg Leu Arg Leu Arg Arg Cys His Arg	
346 115 120 125	
349 Phe Leu Pro Cys Glu Asn Lys Ser Lys Ala Val Glu Gln Val Lys Asn	
350 130 135 140	
353 Ala Phe Asn Lys Leu Gln Glu Lys Gly Ile Tyr Lys Ala Met Ser Glu	
354 145 150 155 160	
357 Phe Asp Ile Phe Ile Asn Tyr Ile Glu Ala Tyr Met Thr Met Lys Ile	
358 165 170 175	
361 Arg Asn	
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375 <211> LENGTH: 26	
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393 <211> LENGTH: 21	
394 <212> TYPE: DNA	
395 <213> ORGANISM: Synthetic 397 <400> SEQUENCE: 10	
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401 <210> SEQ ID NO: 11	<i>2</i> . 1
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403 <212> TYPE: DNA	
404 <213> ORGANISM: Synthetic	
406 <400> SEQUENCE: 11	
407 caaggactee tttaacaaca agffgf	26

i waxaan iya ba 415 - 40(> SEQUENCE: 12

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,720

DATE: 03/27/2002

TIME: 14:15:09

Input Set : A:\DX0644KBK 28FEB2002.ST25.txt
Output Set: N:\CRF3\03272002\J083720.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 10 10 3 720
ATTN: NEW RULES CASE	S: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
lWrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
0Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
1Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
2PatentIn 2.0 ~ "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

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